CHANGHONG

LED(BACKLIGHTING) COLOR TELEVISION

LED50YC2000UA

OPERATION MANUAL

Please read this manual carefully before operation.

Warning

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING:

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

REGULATORY INFORMATION

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or experienced radio/TV technician for help.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION

DO not attempt to modify this product in any way without written authorization from supplier. Unauthorized modification could void the user's authority to operate this product.
It is not recommended to keep a certain still image displayed on the screen for a long time as well as displaying extremely bright images on screen.

Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

Warning

WARNING

To Reduce The Risk Of Fire Or Electric Shock, Do Not Expose This Apparatus To Rain Or Moisture.

The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.

The Apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Attention should be drawn to the environmental aspects of battery disposal. Don't throw used batteries in dustbin. Please contact your retailer in order to protect the environment.

When you install your TV, maintain a distance of at least 4 inches between the TV and other objects (walls, cabinet sides, etc.) to ensure proper ventilation. Failing to maintain proper ventilation may result in a fire or a problem with the product caused by an increase in its internal temperature.

No naked flame sources, such as lighted candles, should be placed on the apparatus.

To prevent the spread of fire, keep candles or other open flames away from this product at all times.

The device may be malfunction when under electrostatic discharge. It can be manually resumed by power off and power on again.

CAUTION connecting the Power Cord

Most appliances recommend they be placed upon a dedicated circuit; that is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits.

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and its if appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer. Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.

The MAINS plug is used as the disconnect device, and the disconnect device shall remain readily operable.

Operating Temperature: 0°C to 35°C Operating Humidity: ≤80%

Storage Temperature: -20°C to 60°C Storage Humidity: ≤90%

Warning

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.

Home mode is the default as-shipped television configuration and settings. And Home mode is the setting in which the product qualifies for ENERGY STAR. Any changes to default as-shipped television configuration and settings would change the energy consumption. And enabling certain optional features and functionalities may increase energy consumption beyond the limits required for ENERGY STAR qualification, as applicable.

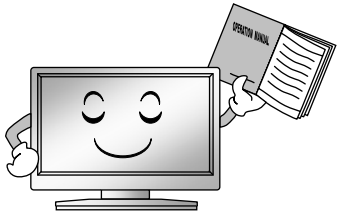
ENERGY STAR

TruSurround HD® is a trademark of SRS Labs, Inc. TruSurround HD technology is incorporated under license from SRS Labs, Inc.

SRS TruSurround HD™ creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.

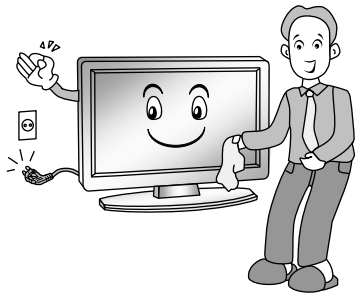


7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.

5. Do not use this apparatus near water.

8. Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

6. Clean only with a dry cloth.



9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

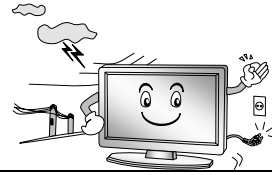
Safety instructions

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Only use the attachments/ accessories specified by the manufacturer.

12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.



14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

ON DISPOSAL

-The fluorescent lamp used in this product contain a small amount of mercury.
-Do not dispose of this product with general household waste.
-Disposal of this product must be carried out in accordance to the regulations of your local authority.

NOTE

-If the TV feel cold to the touch, there may be a small "flicker" when it is turned on. This is normal, there is nothing wrong with TV.
-Some minute dot defects may be visible on the screen, appearing as tiny red, green, or blue spots. However there have no adverse effect on the monitor's performance.
-Avoid touching the screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effect on the screen.

Getting Started

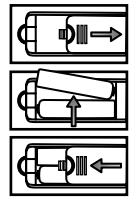
Using the Remote Control

When using the remote control, aim it at remote sensor on the television. If there is an object between the remote control and the remote sensor on the unit, the unit may no operate.

- Point the remote control at the REMOTE SENSOR located on the television.
- When using this television in a very brightly lit area, the infrared REMOTE CONTROL SENSOR may not work properly.
- The recommended effective distance for using the remote control is about 7 metres.

Installing Batteries in the Remote Control

1. Open the cover at the back of the remote control.
2. Install two AAA size batteries. Make sure to match the "+" and "-" ends of the batteries with the diagram inside the compartment.
3. Replace the cover.



Battery Replacement

You will need to install the batteries into the remote control to make it operate following the instruction below.

When the batteries become weak, the operating distance of the remote control will be greatly reduced and you will need to replace the batteries.

Notes on Using Batteries:

The use of the wrong type of batteries may cause chemical leakage and/or explosion. Please note the following:

- Always ensure that the batteries are inserted with the + and - terminals in the correct direction as shown in the battery compartment.
- Different types of batteries have different characteristics. Do not mix different types.
- Do not mix old and new batteries. Mixing old and new batteries will shorten battery life and/or cause chemical leakage.
- Replace batteries as soon as they do not work.
- Chemicals which leak from batteries may cause skin irritation. If any chemical matter seeps out of the batteries, wipe it up immediately with a dry cloth.
- The batteries may have a shorter life expectancy due to storage conditions. Remove the batteries whenever you anticipate that the remote control will not be used for an extended period.
- The batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION:

- It may result in an explosion if batteries are replaced incorrectly.
- Only replace batteries with the same or equivalent type.

Connection and Setup

Cable Installation

Before the installation and use, please read carefully the relevant content in “Warning and Safety instructions”.

1. Take the TV from the wrapping package and put it in a drafty and flat place.

NOTE:

- When you plug or unplug the TV, computer or other equipments, you must make sure that the AC power has been already shut down;
- When unplugging the power cable or signal cable, please hold the plug (the insulated part), do not draw the body of the cable.

2. The RF output terminal can be connected with the RF input port of the TV.

3. The output AV terminal of DVD can be connected with the AV input port of the TV through AV cable.

NOTE:

- Component and AV can not be used simultaneously for they share the audio channel, component Y signal and AV video signal share one channel.
- Both Audio signals of AV and COMPONENT are input from "R - Audio - L".

4. The output COMPONENT(YPbPr) terminal of DVD can be connected with the COMPONENT(YPbPr) input port of the TV through AV cable.

5. Connect one end of the VGA cable with the VGA port on computer, connect the other end of the VGA cable with the VGA port on the TV, and tighten the bolts clockwise on the each end of VGA cable.

NOTE:

- While connecting the 15-pin VGA, please do not insert the plug overexertedly, for fear the pin might be broken.

6. Connect one end of the HDMI cable with HDMI output port, connect the other end of the HDMI cable with the HDMI port on the TV.

NOTE:

- While connecting the HDMI, please aim at carefully, do not insert overexertedly, for fear the pin might be broken.
- HDMI1 and MHL share one port.

7. Sending the TV's audio signal to external audio equipment via the Digital Audio Output port.

8. Check and make sure that all AV cables are connected with the corresponding ports correctly.

9. Connect the AC power cable with 100-240V AC power supply.

NOTE :

- The range of power input for the TV is 100-240V, 50/60Hz, do not connect the TV power input port with the AC power out of the above range.
- Please hold the insulated part of the plug when you are unplugging the power cable, do not touch directly the metallic part of the cable.

Connection and Setup

Installation Guide

When the TV is initially powered on, a sequence of on-screen prompts will assist in configuring basic settings. Press the ENTER button to start the guide. Press the ► button to go to the next step. Press the ◄ button to return to the previous menu.

- **Language:** Press the ▲/▼ button to select the desired OSD (On Screen Display) language.
- **Time Zone:** Press the ▲/▼ button to select your time zone.
- **Time Format:** Press the ▲/▼ button to select 12-hour or 24-hour.
- **Antenna:** Press the ▲/▼ button to select the signal type for channels.
- **Auto Tuning:** Scans and saves available programmes automatically.

NOTE:

- If the TV doesn't receive any channels, please check your aerial connection or the country you selected, then try an auto tuning again.
- If the TV just receives some of the channels, it means the aerial's reception isn't good enough and an antenna service is recommended.

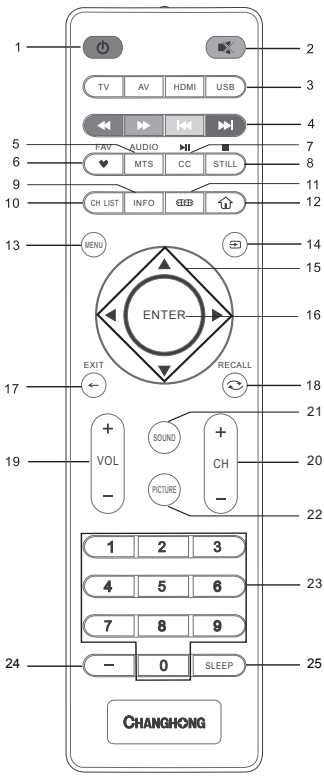
Hotel Menu

Press the ⏎ button to display the Source Menu, then press☛2☛0☛1☛2 to enter into the Hotel Mode to adjust the relative settings.

- **Hotel Enable:** Set the Hotel Enable On/Off by pressing the ◄/► buttons.
  - When Hotel Mode is On, the Channel function is locked.
- **On Source:** Set the default signal source by pressing the ◄/► buttons. (The default signal source will be displayed when the TV is turned on.)
- **On Channel:** Set the default channel by pressing the ◄/► buttons. (The default channel will be displayed when the TV is turned on.)
- **On Volume:** Set the default volume by pressing the ◄/► buttons. (The default volume is the volume when the TV is turned on. Remember the default volume should be less than the maximum volume).
- **Volume Max.:** Set max volume by pressing the◄/► buttons. When the max volume is lower than the default volume, the max volume is the priority.
- **Logo Select:** Both "Hotel Enable" and "Logo Select" are ON the Logo is displaying when power on.
- **BACKUP:** "BACKUP" means to write the TV data to USB device.
  The function is supposed to be used when all the settings have been completed and the "Hotel Enable" is ON.
- **RESTORE:** "RESTORE" means to read data from USB device and write to local flash, then the machine needs restart to initiate the parameters.

Remote Control

The buttons of the original remote control are as following:



NOTE:

- All pictures in this manual are examples, only for reference, actual product may differ from the pictures.
- The buttons not mentioned here are not used.

Definition of the buttons on remote control:

1. ⏻: Enter or quit the standby mode.
2. 🔇: Mute or restore sound.
3. TV/AV/HDMI/USB: Quick enter signal source.
4. COLOR BUTTONS: Red/green/yellow/blue key navigation link.
   ⏪: Fast reverse (in USB mode)
   ⏩: Fast forward (in USB mode)
   ⏮: Previous (in USB mode)
   ⏭: Next (in USB mode)
5. MTS: The button can be used to switch between Stereo/SAP/Mono in TV mode.
   AUDIO: Switch Audio language in DTV mode.
6. ♥: Press to display the Favourites program in TV mode.(You should setup your favourite channels in Programme Edit menu)
7. ⏯: Play / Pause (in USB mode)
   CC: Press to select the closed caption.
8. STILL: Freeze or activate the current picture.
   ⏹: Stop (in USB mode)
9. INFO: Press to display the current program information on the screen.
10. CH LIST: Press to call up the channel list. Press again to exit it.
11. ⇔: Choose the aspect ratio.
12. ⌂: Selects the MHL mode directly;
    Moves back to the main screen(In MHL mode).
13. MENU: Press to display/disappear the on screen menus or to quit some operations.
14. ⇥: Select signal source.
15. ▲/▼/◄/►: Select direction.
16. ENTER: Select or confirm menu item.
17. EXIT: Quit the current interface.
    ←: Return to the previous menu screen. (In MHL mode).
18. ⟲: Return to last viewed program.
19. VOL+/VOL-: Increase/Decrease audio volume.
20. CH+/CH-: Scroll to next/previous channel.
21. SOUND: Changes the sound mode.
22. PICTURE: Changes the image mode.
23. NUMBER BUTTONS: Choose channels or password importation.
24. -: In DTV mode, press number buttons and - key to select channel.
25. SLEEP: Set the sleep timer.

Basic Operation

Turning on and off the TV

■ **Turn on the TV**
Connect the power cable, and press the ⏻ button to turn on the TV.

■ **Turn off the TV**
Press the ⏻ button on the remote control to enter standby mode.
Do not leave your set in standby mode for long periods of time. It is best to unplug the set from the mains and aerial.
When there is an accident power off, it is recommended to unplug the power cable from the power socket.

■ **No signal**
There is No Signal menu on screen when there is no input signal. In TV mode, if there is no signal in 5 minutes, the TV will turn off automatically. In PC mode, the TV set will automatically turn off in 30 seconds if no input signal. When VGA cable is connected, the TV turns on automatically.

Programme Selection

■ **Using the CH+/CH- on the panel of TV or on the remote control.**
Press CH+ to increase channel number.
Press CH - to decrease channel number.

■ **Using 0- 9 digital buttons and – button.**
You can select the channel number by pressing 0 to 9. (In ATV mode)
In DTV mode, press number buttons and – button to select channel.
To tune the TV to a channel not programmed in the channel memory, you must use the number buttons on the remote control.

■ **Example**
To select - channel (e.g. Channel 1): Press 1.
To select -- channel (e.g. Channel 20): Press 2 and 0 in a short time.
To select --.- channel (e.g. Channel 20.1): Press 2, 0, – and 1 in a short time.

Volume Adjustment

■ Press the **VOL+/-** button to adjust the volume.
■ If you want to switch the sound OFF, press the 🔇.
■ You can release mute by pressing the 🔇 or increase the volume.

Changing the Input Source

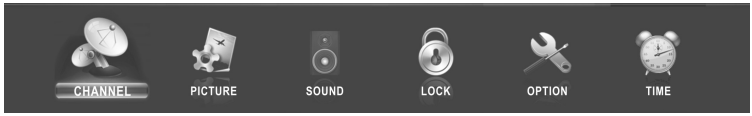
1. You can select the input source by pressing the ⏎ button on the remote control.
2. Press the▲/▼button to cycle through the input source, and press the **ENTER** button to confirm your choice.

Menu Operation

How to Navigate Menus

Before using the TV follow the steps below to learn how to navigate the menu in order to select and adjust different functions. The access step may differ depending on the selected menu.

1. Press the **MENU** button to display the main menu.



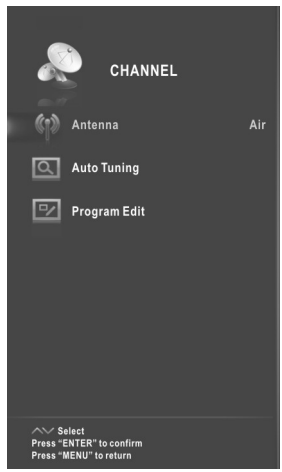
2. Press the◄/►button to cycle through the main menu. Press the **ENTER** button to access the submenu.
3. Press the▲/▼button to select the desired sub item, then press the **ENTER** button.
4. Press the ▲/▼/◄/► button to select the desired value. Settings will be saved after exit. The adjustment in the OSD may differ depending on the selected menu.
5. Press the **MENU** button to return to the previous menu.
6. Press the **EXIT** button exit from the menu.

NOTE:

- When an item in MENU is displayed gray, it means that the item is not available or cannot be adjusted.
- Some items in the menus may be hidden depending on modes or signal sources used.
- Buttons on the TV have the same function as corresponding buttons on the remote control. If your remote control is lost or couldn't work, you may use the buttons on the TV to select menus. This manual focuses on operation of the remote control.

Configuring the Channel Menu

Before your TV can begin memorizing the available channels, you must specify the type of signal source that is connected to the TV (i.e. an Air or a Cable system).
You can select the antenna source in the CHANNEL menu.



■ **Antenna:** Select the signal type for channels.

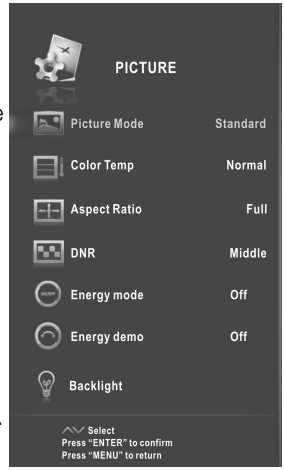
■ **Auto Tuning:** Press the **ENTER** button to start Auto Tuning which automatically scan and store all available programmes.

■ **Program Edit**

1. Press the ▲/▼ button to select a channel.
2. Press the **CH+**/**CH-** button to select the following or preceding page.
3. **Skip:** Press the red button to skip the channel.
   Favorite: Press the green button to set the favorite channel.

Menu Operation

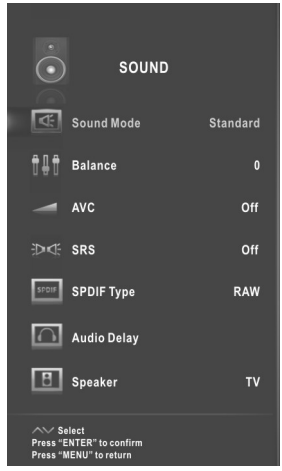
Configuring the Picture Menu



- **Picture Mode:** You can select the type of picture which best corresponds to your viewing requirements.

  Mode: Changes the image mode.
  Contrast: Adjusts the signal level between black and white in the picture. You may use Contrast when the bright part of the picture is saturated.
  Brightness: Adjusts the base level of the signal in the picture.
  Sharpness: Adjusts the level of crispness in the edges between the light and dark areas of the picture.
  Tint: Adjusts the balance between red and green levels. (Only in the NTSC mode)
  Saturation: Adjusts intensity of all colours.
  The adjusted values are stored according to the User mode.
- **Color Temp:** Select the color temperature of the picture.
- **Aspect Ratio:** Select your desired aspect ratio. In some special signal, the image can only display in the full mode.
- **DNR:** Reduces screen noise without compromising video quality.
- **Energy mode:** Switch the Energy mode on or off.
- **Energy demo:** Switch the Energy demo on or off.
  While both Energy Mode and Energy demo are set to "On", the "Consumption" dial will appear on the TV screen.
- **Backlight:** To control the brightness of the screen, adjust the brightness of panel. Backlight can be adjusted when the Energy mode is set to "Off".

Configuring the Sound Menu



- **Sound Mode:** You can select a sound mode to suit your personal preferences.

  Mode: Changes the Sound mode. Sound Mode can't be adjusted when the SRS is set to On.

  120Hz/500Hz/1.5KHz/5KHz/10KHz: Adjust the curve of 5 bands equalizer.

  Based on your favorites about which frequency band need to be adjusted, make small adjustment with certain frequency band at a time. Suggest NOT making too large changes.

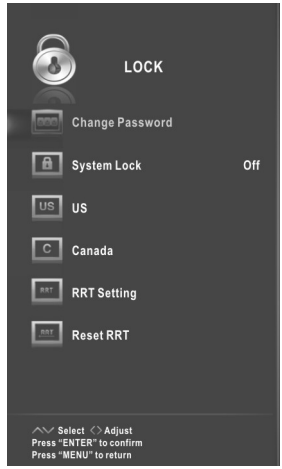
  The adjusted values are stored according to the User mode.

- **Balance:** You can adjust the sound balance of the speakers to preferred levels.
- **AVC:** AVC automatically remains on the same level of volume if you change programmes. Because each broadcasting station has its own signal conditions, volume adjustment may be needed every time when the channel is changed. This feature allows users to enjoy stable volume levels by making automatic adjustments for each program.
- **SRS:** You can select a desired Surround Sound mode.
- **SPDIF Type:** Press **ENTER** button to select PCM or RAW.
- **Audio Delay:** Correct audio-video sync problems, when watching DTV and when listening to digital audio output using an external device such as an audio receiver (0ms~250ms).
- **Speaker:** If you are listening to the sound track of a broadcast or movie through an external receiver, you may hear a sound echo caused by the difference in decoding speed between the TV's speakers and the speakers attached to your audio receiver. If this occurs, set the TV to External Speaker.

TV	When you set Speaker to TV both the TV's speakers and the external speakers are on. You will hear sound through both. The volume of the external device can't be adjusted.
External	When you set Speaker to External, the TV's speakers are turned off. You will hear sound through the external speakers only. Adjusts the volume with the knob attached to the external device.

Configuring the Lock Menu

Press your password (it is 0 0 0 0 at first), Then you will go the sub-menu as following.
If you forget, the super password of **1225** still valid.



- **Change Password:** You can set your private password. Press the number buttons on the remote control to set the new password. When the new password has been input twice, the setting is finished successfully.
- **System Lock:** Set the system lock ON or OFF.
- **US:** To select the TV/MPAA Rating you want to lock or not.

TV

Age	Define
TV-Y	General audience
TV-Y7	Parental guidance suggested
TV-G	Parents strongly cautioned
TV-PG	Retricted
TV-14	No one 17 and under admitted
TV-MA	Adult audience only
TV-None	None

Content	Define
FV	Fantasy violence
D	Suggestive dialogue
L	Strong language
S	Sexual situations
V	Violence

MPAA

Rating	Define
G	General audience. All ages admitted.
PG	Parental guidance suggested. Some material may not be suitable for children.
PG-13	Parents strongly cautioned. Some material may be inappropriate for children under 13.
R	Restricted. Children under 17 require accompanying parent or adult guardian.
NC-17	No one 17 and under admitted.
X	Adult audience only.
N/A	None

■ **Canada:** To select the Canada English/Canada French Rating you want to lock or not.

Canada English: These ratings are for programs which are using English rating system.

Rating	Defined as
C	Children
C8+	Children 8 years and older
G	General programming
PG	Parental guidance
14+	Viewers 14 and older
18+	Adult programming
EXEMPT	Unblock

Canada French: The ratings are for programs which are using French rating system.

Rating	Defined as
G	General
8 ans+	Not recommended for younger children
13 ans+	Not recommended for childrenunder age 13
16 ans+	Not recommended for ages under 16
18 ans+	This program is restricted to adults
EXEMPT	Unblock

■ **RRT Setting:** Press **ENTER** button to set RRT rating.

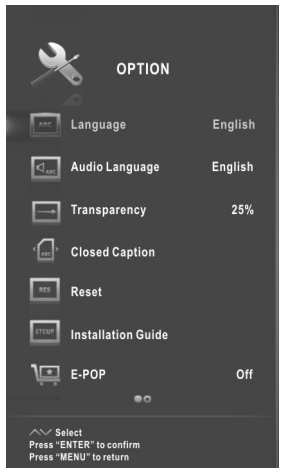
If you try to tune the TV to a program that exceeds the rating limits you set, the TV will enter program lock mode and a warning message will appear on-screen. Follow the instructions to temporarily unlock the program.

■ **Reset RRT:** Press **ENTER** button to reset RRT information.

NOTE:

• RRT setting and Reset RRT can be selected when the TV signal have RRT rating information.

Configuring the Option Menu



■ **Language:** Select your preferred On Screen Display language.

■ **Audio Language:** Select your preferred audio language. (Available for digital channels if multiple audio languages are broadcasted.)

■ **Transparency:** Menu transparency selection, you can select menu transparency according to the different background picture.

■ **Closed Caption:** You can select Closed Caption, if available, to be displayed on screen.

CC Mode: Select CC Mode: CC Off, CC on Mute, CC On.

Basic CC: Select from below closed-caption modes for analog programs.

CC1,2,3,4 Displays corresponding caption channel of a analog program. (Usually be set to CC1 for most programs.)

Text1,2,3,4 Displays corresponding text service channel of a analog program.

Digital CC: Applies only to digital channels with closed caption.

Service1,2,3,4,5,6 These are different service data channels.

Option: You can customize the closed caption display characteristics.

Mode: Default/Custom. If set to Custom, Digital CC is available.

Font Style: Default/Font 0~7

Font Size: Default/ Normal/ Large/ Small

Font Edge Style: Default/ None/ Raised/ Depressed/ Uniform/ Left Shadow/ Right Shadow

Font Edge Color: Default/ Black/ White/ Red/ Green/ Blue/ Yellow/ Magenta/ Cyan

FG Color: Default/ White/ Red/ Green/ Blue/ Yellow/ Magenta/ Cyan

BG Color: Default/ Black/ Red/ Green/ Blue/ Yellow/ Magenta/ Cyan

FG Opacity: Default/ Solid/ Flashing/ Translucent/ Transparency

BG Opacity: Default/ Solid/ Flashing/ Translucent/ Transparency

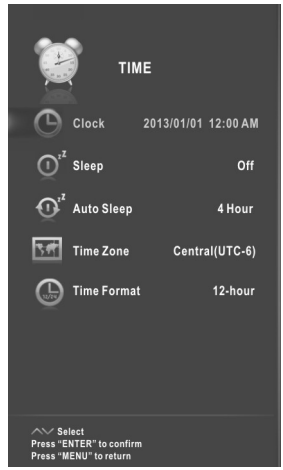
- **Reset:** Restore the system settings to the factory default. When the restore is complete, the Installation Guide is displayed on the screen.
- **Installation Guide:** This is a guide to help you to setup the TV.
- **E-POP:** Switch the E-POP on or off. E-POP mode is the optimal setting for store environments.
- **Health Remind:** Switch the Health Remind on or off. While Health Remind is set to On, a prompt picture will remind you to have a break at intervals of two hours.

Configuring the Time Menu

- **Clock:** You can display either the DTV Signal Stream Time or set the System Time.

  Auto Sync: If set it to ON, the TV will sync the local clock according to the DTV broadcasting time automatically. Otherwise you can set the time manually.

  DST: Selects the DST (Daylight Saving Time) mode.
- **Sleep:** Select the time to turn the TV to standby mode automatically.
- **Auto Sleep:** Select the Auto Sleep time you want. The TV will enter into standby mode automatically when there is no operation in set time.
- **Time Zone:** Select your time zone.
- **Time Format:** You can choose to use 12-hour format or 24-hour format.



Using USB mode

■ To Access/Quit USB mode

Connect an USB device. Press ⇄ button to display the main menu. Use the ▲/▼ to highlight **USB**, and the **ENTER** button to access the USB mode. You may also use the signal source selection menu to exit from the USB mode.

NOTE:

- Special USB device may be not or well supported.
- USB max. Load: DC5V 500mA.

■ The formats supported

Movie and Music Show: MPEG2, MPEG2_HD, TSHD, DD, MJPEG.
Photo Show: JPEG.
File Format Show: TXT.

NOTE:

- Special algorithm documents may not be or well be supported by the USB.
- The USB supports the format mentioned above, if the file format is not supported, change it to the given format.
- There may be abnormal in playing too large files.

■ Main Operating Interface

PHOTO/ MUSIC/ MOVIE/ TEXT

1. Press ◄ / ► button to select PHOTO/ MUSIC/ MOVIE/ TEXT in the main menu, then press **ENTER** button to enter.
2. Use the arrow buttons and **ENTER** button to enter the desired disk.
3. Press arrow buttons and **ENTER** to open the folder.
4. Press **CH+/CH-** button to page up or page down the files. Use the arrow buttons to highlight the file. Use the **ENTER** button to mark or unmark a file. Press ⏯ button to play the selected files. If no file is marked, all the files in the folder will be played in sequence after you press ⏯ button.
5. Press the **INFO** button to display the menu screen in playing.
6. Press the ■ button to stop the playing files.
7. Press the **EXIT** button to return to the previous menu screen.

NOTE:

- The TV/AV/HDMI/USB buttons can't be adjusted when the Media files is playing in USB mode.

Troubleshooting Guide

Troubleshooting

Before contact the service technician, perform the following simple checks. If any program still persists, unplug the TV and calling for serving.

Symptoms	Possible Reason	Solutions
No picture, no sound, and no indicator light on	1.The power cord is not plugged in 2.The power is off	1.Plug the power cord in 2.Turn the power on
Picture and sound with abnormity	1.Contrast, sharpness, and color are set improperly 2.Color system is set improperly 3.Sound system is set improperly	1.Adjust the value of Contrast, sharpness, and color 2.Set the Color system to the country broadcasting standard 3.Set the Sound system to the country broadcasting standard
Picture is spotted or with snow	Signal source is low-grade or the signal cord is in a lower quality	Use the qualified signal cord
No picture, no sound and indicator light is green/blue	Volume is in the minimum value or TV is in mute mode.	Adjust the value of volume
	The signal cable is not correctly connected.	Connect the signal cable correctly
Blue screen, AV is displayed	There is no signal input or the video cable is not connected or incorrectly connected	Connect the video cable correctly
Picture is unclear or shaking or with black horizontal strips (in PC mode)	PC picture is not correctly adjusted.	Enter into Screen menu, select Auto Adjust item to perform automatic calibration and adjust Phase to solve the problem
PC picture is not centered		
No sound	There is no audio signal input or audio cable is not connected correctly	Connect the audio cable correctly
PC picture display with improper color	The color temp is adjusted incorrectly by user	Readjust the color temp, or select the original color setting
HDMI source, with snow pixel of full screen	The source generate is not standard	Plug the HDMI cable again

Troubleshooting Guide

The remote control does not work	Batteries are improperly installed or exhausted	1. Make sure the positive and the negative polarities are correct. 2.Check if there is a loose contact between the batteries and the springs 3.Replace the batteries

Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the screen

1. Here's a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then used it to wipe the screen.

2. Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

Cleaning the cabinet

To remove dirt or dust, wipe the cabinet with a soft, dry, lint-free cloth. Please be sure not to use a wet cloth.

Extended Absence

If you expect to leave your TV dormant for a long time (such as a vacation), it's a good idea to unplug the power cord to protect against possible damage from lightning or power surges.

Disposal of old electrical appliances

The European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE), requires that old household electrical appliances must not be disposed of in the normal unsorted municipal waste stream. Old appliances must be collected separately in order to optimize the recovery and recycling of the materials they contain, and reduce the impact on human health and the environment.

The crossed out "wheeled bin" symbol on the product reminds you of your obligation, that when you dispose of the appliance, it must be separately collected.

Consumers should contact their local authority or retailer for information concerning the correct disposal of their old appliance.

This equipment is a Class Ⅱ or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

Specifications

Key Features		
1	Model	LED50YC2000UA
2	Digital TV or ATV	ATSC/NTSC
3	Area	North America
4	Display Technology	DLED
5	2D/3D(2D/PR 3D/SG 3D)	2D
6	Refresh Rate	EMR120
7	Aspect Ratio	16:9
8	Resolution	1920*1080
9	Energy Grade	ENERGY STAR 6.0
10	ID Features	metal-brushed plastic frame , ultra-narrow ,toughened glass stand
11	Main Function	Multimedia play

PICTURE		
1	Category	LED TV
2	Color Temperature	Normal/Warm/Cool/User
3	Smart Backlight Adjustable	Yes
4	Scaler Mode	Normal/FULL/ZOOM1/ZOOM2
5	Picture Effect	7 picture effects preset (Standard/Home/Vivid/Eco/Movie/Game/User)
6	Film Mode (3:2 pull down)	Yes
	Picture Enhancement	
7	Blue Stretch	Yes
8	Black Stretch	Yes
9	Motion Compensation	Yes
10	DLTI	Yes
11	DCTI	Yes
12	Dynamic Skin Correction	Yes
	Panel Specification	
13	Resolution	1920*1080
14	Brightness (cd/m2)	300
15	Contrast Ratio	4,000,000:1
16	Response Time	9 ms
17	Viewing Angle (H/V)	178°/178°

Specifications

18	Life Time	＞30,000hrs (min)
19	Color	16.7M (8bit)
	SOUND	
20	Speakers	Integrated speakers (Bottom side)
21	Audio Power Output	8W+8W
22	Sound mode	5 sound effects preset (user/theater/sports/music/Standard)
23	Sound Control	Balance/AVC/Equilizer
	FUNCTION	
24	OSD Language	English Spanish French
25	Digital signal	ATSC
26	Clock/Sleep Timers	Yes
27	Watch Time Limit	Yes/two hours of health alerts
28	Startup Setting	Yes
29	Picture Freeze	Yes
30	USB Multi-media	Movie and Music Show：MPEG2, MPEG2_HD, TSHD, DD, MJPEG
31		Photo Show: JPEG
32		File Format Show: TXT
33	Hotel Mode	Yes
SIGNAL FORMAT CAPABILITY		
34	Component Video Format	Y,Pb/Cb,Pr/Cr:up to 1080P
35	DVI Video Format	Up to SXGA for HDMI-PC
36	HDMI Video Format	up to 1080P
37	PC CompatibilityPC	Up to SXGA
TERMINALS		
38	HDMI1.3/MHL1.2	HDMIx3 / MHLx1
39	USB2.0	1
40	AV in	1
41	AV out	1(only L/R Audio Out)
42	PC Audio	1
43	RF	1
44	Component(Y/Pb/Pr)	1
45	VGA	1

Specifications

46	SPDIF	Coaxial
ACCESSORIES		
47	Screws	3
48	Batteries	2
49	Stand Mounting Guide	2
50	Warranty card	1
51	Operation Manual	1
52	Quick Start Guide	1
53	Remote control	1
BASIC Info.		
54	TV System	ATSC(DTV) NTSC (ATV)
55	AV System	NTSC
56	Channels	Air(CH2~CH69) Cable(CH1~CH135)
57	Certification	ETL FCC ENERGY STAR
58	Power Supply	AC 100V-240V 50/60Hz
59	Power Consumption-TV on	120W
60	Power Consumption-Standby	＜0.5W
61	Default Color of Front Cabinet	Black
62	Keyboard Position	Right side
63	Stand Type	Toughened glass stand
	Dimension for Main Body (L*H*D) (mm)	
64	Unpackaged With Base Stand (mm)	1132.8*705*210
65	Unpackaged Without Base Stand (mm)	1132.8*662*88
66	Packaged Dimension (L*H*D)	1207*820*195
67	Net Weight (Kg)	16.8
68	Gross Weight (Kg)	20.5